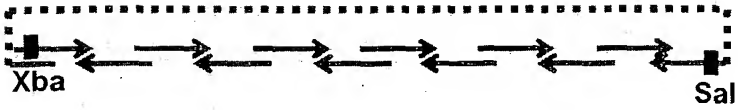
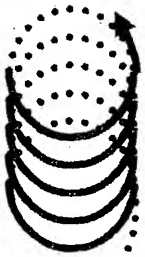
Title: Synthetic Tag Genes
Inventor: Frederick C. Christians
Attorney Docket No. 3502.1
Sheet 1 of 5

A.



B.



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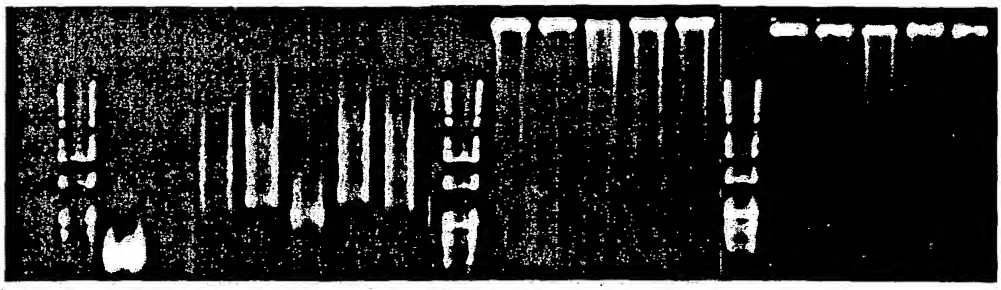

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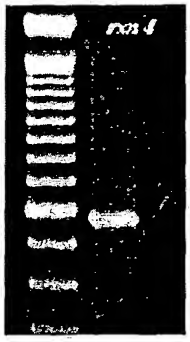


Figure 1

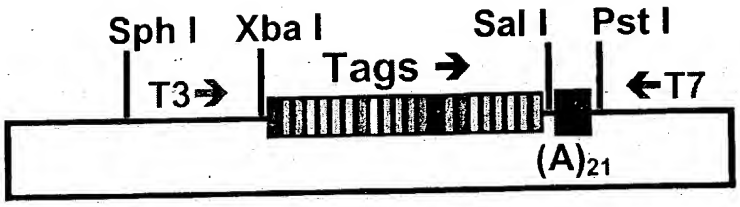
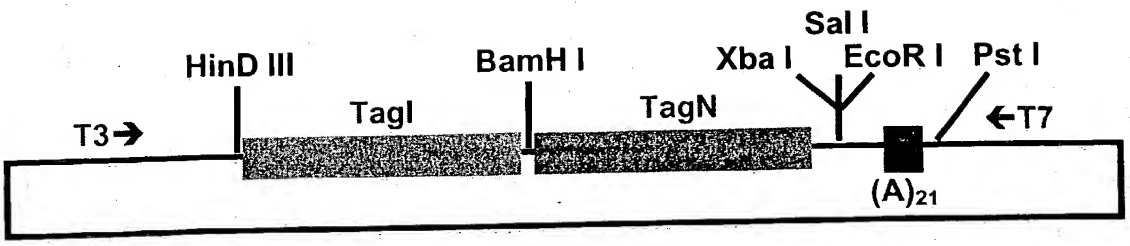


Figure 2

A) pTagI-N



B) pTagI-Q

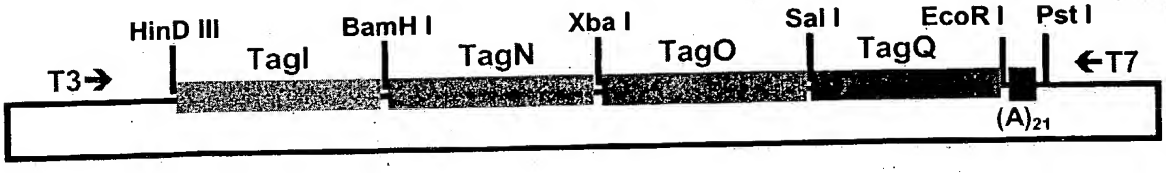
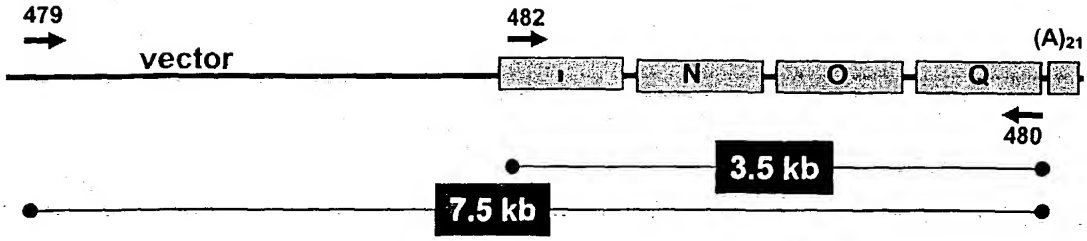


Figure 3

A.



B.

```
479: AGCATAAAGTGTAAAGCCTGGGGTGCCTAATGAGT
480: TCGCTAATGAGACATAGGCCGCACTGCAT
482: GCAATACCTGTGACGAGCTGCTCGCAAGAT
```

C.

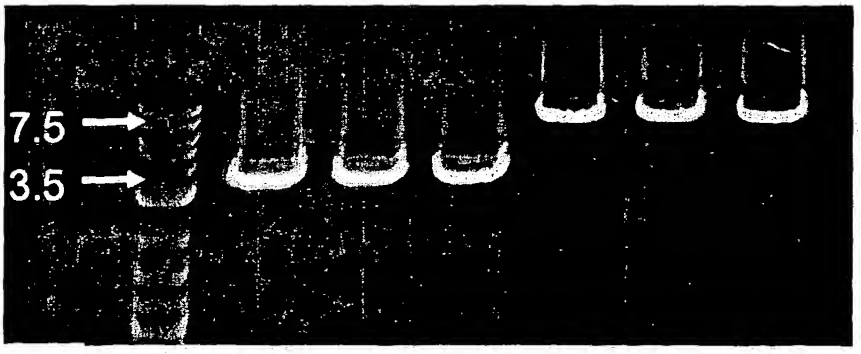


Figure 4

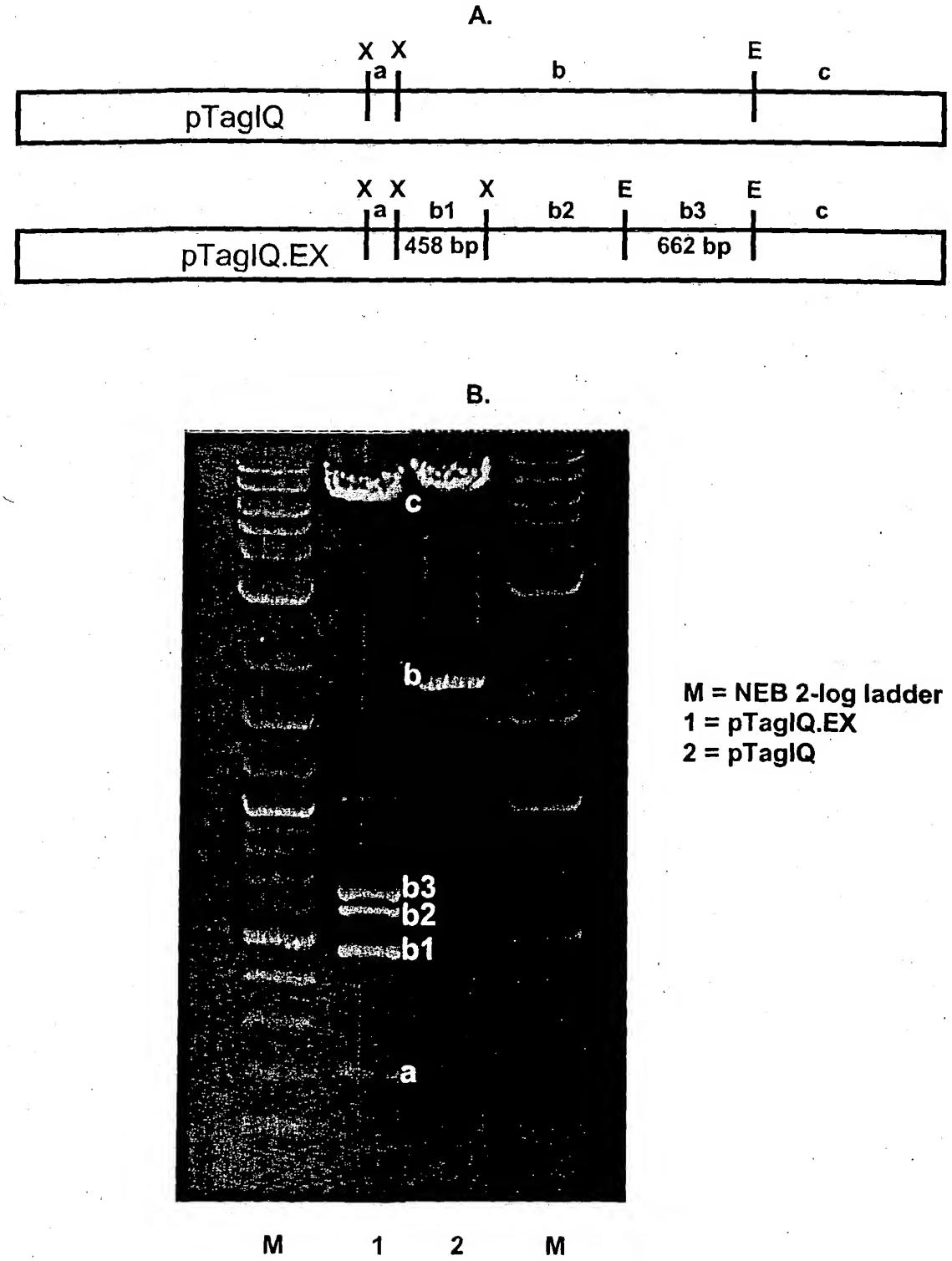

A.
X X
a
b
E
c
pTaglQ
X X
a
b1
X
b2
E
b3
E
c
pTaglQ.EX
458 bp
662 bp
B.
c
b
b3
b2
b1
a
M
1
2
M
M = NEB 2-log ladder
1 = pTaglQ.EX
2 = pTaglQ

Figure 5